

ABSTRACT

A device and method is provided for generating color data for image formation by converting C, M, Y, data into C, M, Y, K data. The minimum value of the three color values of C, M, Y is selected and, depending on the color of the minimum value, a black data generating table is selected to ~~generated~~generate a value for the black color K. The black data generating tables have different black data conversion characteristics from one another and are associated with the three colors of cyan, magenta, and yellow, respectively.